

Interview Summary

Application No.

08/900,964

Applicant(s)

CAPPELS, RICHARD D.

Examiner

Jimmy H. Nguyen

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2673

All participants (applicant, applicant's representative, PTO personnel):

(1) Jimmy H. Nguyen. (3) _____.

(2) Nancy Simon (Applicant's rep.). (4) _____.

Date of Interview: 27 October 2003.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
If Yes, brief description: _____.

Claim(s) discussed: 26.

Identification of prior art discussed: Masuda (USPN: 5,978,041).


Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed the enclosed draft rejection to claim 26. Applicant's representative seemed to agree the Masuda reference anticipating the invention defined in claim 26. Examiner suggested to amend all independent claims to include a structure of the window generator, as an allowed claim of the continuation application 09/705,140 (see the attached paper), in order to place the application in condition for allowance. However, after discussed with Applicant, Applicant's representative stated that, at this time, Applicant didn't want to include a structure of window generator in all independent claims, and wanted the prosecution reopened.

DRAFT (for discussion only)

Regarding to claim 26, the claimed invention reads on Masuda (USPN: 5,978,041) as follows: Masuda discloses a system (an image display system as shown in **fig. 48**) for generating a high-luminance viewing window (**a specific area for displaying a picture B**, see **fig. 48**, **col. 38, line 13**, and the disclosure at **col. 10, lines 16-21**, teaches the luminance or the brightness of the window area higher than the luminance of the area outside the window area) on a computer display device (**the picture display means 350, fig. 48**), the system comprising a host computer system (**the picture output means 351, fig. 48, col. 38, lines 5-10, lines 23-25**) for running an application program (**col. 36, line 59-63**); a processor device (**a CPU circuit 34/3104, fig. 48**) for automatically generating a window control signal (**control signal, fig. 48**) via an interface (352) in response to said application program (the disclosure, specifically **fig. 48** and **col. 36, line 59 through col. 37, line 14**, teaches control signal provided by the CPU to the display device, in response to an application program, and the disclosure, specifically, **fig. 52 and col. 39, lines 50-60**, teaches the control signal including the position and size of the specific area B corresponding to the claimed window); a window generator device (**a timing generator 355, fig. 52**) for receiving the window control signal (**composition position data of the picture B, col. 39, lines 50-53**) and for generating a window information signal (**a timing signal key (Key), fig. 52, col. 39, lines 61-67**); and a display control device (**a device including elements 3110-3116 and 3101, see fig. 52, and elements 11, 13, 125 as shown in fig. 24**, since in the case the picture display device 3101 is a cathode ray tube display device as disclosed at col. 43, lines 5-11, the picture display device 3101 at least includes a video processing circuit and a variable gain video output circuit, e.g., as shown in fig. 24) included in the computer display device (350) (**col. 39,**

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lines 41-42), for receiving a video signal (**Video 1, fig. 52**) and the window information signal (**Key**), for processing the video signal in response to window information signal (**fig. 52**) and for providing a processed video signal to a computer display screen such as a cathode ray tube (**a signal provided to a CRT 14, fig. 24**).

Application No. 09/705,140
Amendment dated August 25, 2003
Reply to Office Action dated June 25, 2003

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 26-50 (canceled)

Claim 51 (currently amended): A system for generating a high-luminance viewing window on a display screen, the system comprising:

a video application for displaying a moving video image within said high-luminance viewing window, wherein said video application generates a window request when a moving video image is to be displayed in said high-luminance viewing window;

a means for processing said window request and responsively providing a plurality of window control signals;

a window generator connected to said processing means for receiving said plurality of window control signals, wherein said window control signals include a window enable signal, a vertical start signal and a vertical end signal to provide the vertical position and vertical size of said high-luminance viewing window, and a horizontal start signal and a horizontal end signal to provide the horizontal position and size of said high-luminance viewing window, and wherein said window generator includes

an AND gate, wherein said window enable signal is a first input of the AND gate;

a vertical delay for receiving said vertical start signal and a vertical window pulse generator for receiving said vertical end signal, wherein said vertical delay and said vertical window pulse generator provide a vertical component signal to a second input of the AND gate; and

a horizontal delay for receiving said horizontal start and a horizontal window pulse generator for receiving said horizontal end signal, wherein said horizontal delay and said horizontal window pulse generator provide a horizontal component signal to a third input of the AND gate, and wherein said AND gate generates a window pulse signal only during the time period said window enable signal, said vertical component signal, and said horizontal component signal

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indicate said high-luminance viewing window is to be displayed on
said display screen;

an automatic beam limiter connected to said window generator for receiving said
window pulse signal and responsively generating an analog window signal;

a video amplifier connected to said display screen and to said automatic beam
limiter for receiving said analog window signal and a video signal comprised
of information to be displayed on said display screen including information
to be displayed in said high-luminance viewing window, wherein said video
amplifier operates in a normal gain mode when said analog window signal is
in a first state and said video amplifier operates in a high gain mode when
said analog window signal is in a second state, and wherein said analog
window signal is in said second state when said high-luminance viewing
window is displayed on said display screen so that said moving video image
has a higher luminance level than the remainder of the information
displayed on said display screen; and

a power supply connected to said automatic beam limiter and to said display screen
~~for providing a beam current to said display screen, wherein said automatic~~
beam limiter limits the luminance level within said high-luminance
viewing window by limiting an average beam current provided to said
display screen during the time period the high-luminance viewing window is
displayed on said display screen.